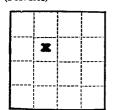
Checked by Chief Copy NID to Field Office FILE NOTATIONS Entered in NID File Approval Latter Disapprova Uniter Entered On S R Sheet Location Map Pinned Card Indexed IWR for State or Fee Land Location Inspected COMPLETION DATA Date Well Complited 10-30. Bond relaised State of Fee Land OW WW TA-7 GW OS PAL LOGS FILED Gulf ail toop took over all organitions of the British amusian Revol. Co. (1966)

So. Ca

Scout Report sent out Noted in the NID File Location map pinned Approval or Disapproval Letter Date Completed, P. & A. or. operations suspended Pin changed on location map Affidavit and Record of A & P Water Shut-Off Test Gas-Oil Ratio Test Well Log Filed



### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.
white are expired 17-21-00.

Land Office Salt Lake City Lease No. U-09927

Government Rigby

# SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF		
1	l	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	September 14, 19 <b>59</b>				
Well Nois located	1 <i>1980</i> ft. fro	$m_{-}$ $N$ line a	and $\frac{1980}{W}$ ft. from $\frac{\mathbf{HX}}{W}$	line of sec. 10	
SE, Nw/4 Sec. 10 (½ Sec. and Sec. No.)	3 <b>78</b>	20E	SLM		
(1/2 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
Arch Canyon	San Juan	County	Utab		
(Field)	(Count	y or Subdivision)	(State or T	'erritory)	
	1		4 80 /5 A \		

The elevation of the derrick floor above sea level is 6310 ft. EB (Est.)

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

<u>PROGRAM:</u> To drill and test subject well to the Devonian. <u>SURFACE CASING:</u> 10-3/4" OD. 40.50%, H-40 csg to be set @ approximately 400' KB and cemented with 300 sax cement w/2 cu. ft. stratocrete/sack followed by 50 sak neat cement. WOC 24 hrs. PRODUCTION CSG: 52" OD, 14.0# J-55 csg to be set through the lowest possible producing zone. Use centralizer and rotating type scratchers through all possible producing zones. Cmt w/150 50-50 Pozmix, cmt w/25 gel. WOC 48 hrs. CORING: Cut 75' full hole core @ approimately 2335' KB and 150' full hole core @ approximately 2440 KB. TESTING: If content of somes based on cores, samples, and Electric Logs are questionable, obtain permission from District Office to DST. <u>LOGGING:</u> 1) Run Laterlog from TD to surface csg. (Possibly, the Gamma Ray Neutron will be run at 2300° to determine coring point) (2) Run Gamma Ray-Neutron TD to surf. (3) Run Microlaterolog from TD to 1000' KB. (4) Run Sonic Log from TD to surf. csg. DRILLING TIME: Use geolograph from surf. to TD. DRIFT SURVEYS: Run drift surveys at 50' intervals to 400'; thereafter @ 250' intervals. STANDARD DEPTH MEASUREMENTS: SLM of drill pipe at I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company	The British-American Oil	Producing Company
Address	P. C. Box 180	i
	Denver, Colorado	Original Figued By <u>By Thomas M. Hogan</u>
	·	Title District Superintendent

Government Rigby #1 C SE NW, Sec. 10-375-20E San Juan County, Utah Page #2 (Contd)

### DETAILS OF WORK:

# STANDARD DEPTH MEASUREMENTS: (Contd)

approximately 2000', 4000', prior to coring or testing and at TD.

SAMPLES: Catch 10' samples from surface to TD or as directed by wellsite geologist. COMPLETION PROGRAM: This well will be completed with rotary. Drill out cmt to at least 20' below bottom of lowest pay zone. Displace mud w/water and water w/oil. Run Gamma Ray-Collar log and perforate as directed by District Office. Run 2" tubing w/pump seat and perforate nipple, and swab well in, if necessary.



MPANY British American Oil Producing Company	COMPANY British A
l Name & No. Government Rigby No. 1 Lease No	Well Name & No. Gove
cation 1980' from the North line and 1980' from the West line	Location 1980 from
ng in C SELNWL	Being in C SELNWE
10, T37 H, R20 H, NIMPH, S.L.M. San Juan County, Utah.	Sec. 10 , T37 # , R 20
ound Elevation 6293 5280	Ground Elevation 6293
5280'	
	-
Section 10 unsurveyed-	
Section lines projecte West as shown.	
Scale - 4 inches equals ! mile	4

Surveyed September 12.

19\_**59** 

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my ladge and belief.

Four States Oil Field Surveys Farmington, New Mexico Ernest V. Echohawk Registered Land Surveyor

N. M. Reg. #1545

Practicing in Utah under Laws regulating Professional Engre. and Land Surveyors, Utah Code 1953, Title 58-10-16.



Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office Salt Lake City

Lesse No. U-09927

Unit Government Rigby

# \*

# **UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT O	F WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE P	LANS	- 11	F SHOOTING OR ACIDIZII	NG
NOTICE OF INTENTION TO TEST WAT	ER SHUT-OFF	SUBSEQUENT REPORT O		
NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL		F RE-DRILLING OR REPA	IR
NOTICE OF INTENTION TO SHOOT OR	R ACIDIZE	SUBSEQUENT REPORT O	F ABANDONMENT	
NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEMENTARY WELL	HISTORY	e in Silver
NOTICE OF INTENTION TO ABANDON	WELL			
	TE ABOVE BY CHECK MARK N.			
rich Langon	Parit .	September 14		19.59
		(AD)		
/ell No <b>1</b> is locat	ced 1980 ft. from	line and 198	oft. from will line	of sec. 10
			(w)	
2. NV/4. Sec. 10 (3 Sec. and Sec. No.)	378 20 (Twp.) (R	SI)		
ch Canyon			ridian)	
(Field)	San Juan Cour (County or 8	ubdivision)	(State or Territo	ry)
tate names of and expected depths to  To drill and test  H-40 csg to be set (	objective sands; show sizes, ing points, and all other subject well to approximately	the Devenian.	SURFACE CASIN	nudding jobs, comen 22 10-3/4" ( sex cement
the elevation of the derrick that names of and expected depths to it. To drill and test, H-40 esg to be set it rates to be set that type scratchers that gel. WOC 48 hrs. The core & approximate and Electric Logs at 1) Run Laterleg from 2300° to determine outerolog from TD to 100° to 100	objective sands; show sizes, ing points, and all other subject well to approximately and by 50 sand near rough the lowest rough all possible CORING: Cut 75 by 2440 KB. If are questionable, on TD to surface poring point) (2)	weights, and lengths of pro- or important proposed work the Devonian. (OO! KB and come coment. WOC 20 possible product producing zor full hole core isting: If conte obtain permiss asg. (Possibly, Run Gamma Ray-	SURFACE CASING Inted with 300 inted with 300 interesting some. From 150 interesting some interesting from District Gamma Ray Neutron ID to	ax cement FION CSG: 51 centralise 50-50 Poze Ly 2335' KB ased on core rict Office Neutron vil aurf. (3) R
tate names of and expected depths to  [1] To drill and test  [2] H-40 esg to be set a  [3] atocrete/sack fellows  [4] -55 esg to be set this  [5] gel. WOC 48 hrs.  [6] le core @ approximate  [7] and Electric Logs s  [8] 1) Run Laterleg from  [8] 2300° to determine of  [8] terolog from TD to 10  [9] legraph from surf. to  hereafter @ 250° inter  [1] understand that this plan of work  [8] ompany	objective sands; show sizes, ing points, and all other subject well to approximately and so so said near rough the lowest rough all possible CORING: Cut 75 say 2440 KB. In the questionable, and TD to surface poring point; (2) COC KB. (4) Run TD. DRIFT SURVEY STANDARD must receive approval in write-American Oil Pro-	weights, and lengths of pro- or important proposed work the Devenian. (OO! KB and ceme cement. WOC 2/ possible product the producing sore full hole core (STING: If conte, obtain permiss csg. (Possibly, Run Gamma Ray- Sonic Log from (EIS: Run drift) DEPTH MEASURED (ting by the Geological Survey)	SURFACE CASING MATERIAL CASING C	aux cement  FION CSG: 51  CONTROL SG: 51  CONT
tate names of and expected depths to  ig To drill and test  R-40 esg to be set if  atocrete/sack follows  -55 esg to be set this  ig type scratchers this  is gel. WOC 48 hrs.  ile core @ approximate  i, and Electric Logs a  ii 1) Run Laterlog fro  2300° to determine of  terolog from TD to 10  lograph from surf. to  hereafter @ 250° inte	objective sands; show sizes, ing points, and all other subject well to approximately and so so said near rough the lowest rough all possible CORING: Cut 75 say 2440 KB. In the questionable, and TD to surface poring point; (2) COC KB. (4) Run TD. DRIFT SURVEY STANDARD must receive approval in write-American Oil Pro-	weights, and lengths of pro- or important proposed work the Devenian. (OO' KB and ceme cement. WOC 2/ possible product the producing sore full hole core (STING: If conte, obtain permiss csg. (Possibly, Run Gamma Ray- Sonic Log from (KIS: Run drift) DEPTH MEASURED ting by the Geological Sur- coducing Company	SURFACE CASING MATERIAL CASING C	audding jobs, coment  2 10-3/4" O  eax coment  FION CSG: 51  e centralise 0 50-50 Pozz  ly 2335" KB  ased on core rict Office Neutron vill surf. (3) R  es. DRILLIE 0 intervals  irill pipe a  centd

Government Rigby #1 C SE NW, Sec. 10-37S-20E San Juan County, Utah Page #2 (Contd)

# DETAILS OF WORK:

# STANDARD DEPTH MEASUREMENTS: (Contd)

approximately 2000, 4000, prior to coring or testing and at TD.

SAMPLES: Catch 10 samples from surface to TD or as directed by wellsite geologist. COMPLETION PROGRAM: This well will be completed with rotary. Drill out cmt to at least 20 below bottom of lowest pay zone. Displace mud w/water and water w/oil. Run Gamma Ray-Collar log and perforate as directed by District Office. Run 2 tubing w/pump seat and perforate nipple, and swab well in. if necessary.

# September 18, 1959

British-American Oil Producing Company P. O. Box 180 Denver, Colorado

Attention: Thomas M. Hogan,

District Superintendent

### Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Right-Covic 1, which is to be located 1980 feet from the north line and 1980 feet from the west line of Section 10, Township 37 South, Range 20 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. YEIGHT EXECUTIVE SECRETARY

### CBF: co

CC: P. T. McGrath, Dist. Eng. U. S. Geological Survey Farmington, New Mexico of January 1

October 14, 1959

United States Geological Survey P.O. Box 965 Farmington, New Mexico United States Dept. of Agriculture Ferest Service Supervisor Price, Utah

The State of Utah
Oil & Cas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11. Utah

Re: Arch Canyon Prospect (Gev\*t Rigby Mo. 1) C SE NW Sec. 10-375-20E San Juan County, Utah

#### Contlement

Drilling operations are now in progress at subject location under the currently designated well name "Government Rigby No. 1."

Early formation of a Federal unit of this area is anticipated, and this location would be the first well in the unit. The well name therefore is being changed, effective immediately, to "Arch Canyon Unit No. 1."

We respectfully request that you change your records accordingly, and will appreciate receiving admostledgement of receipt of this notice.

Very truly yours,

THE BRITISH-ANERICAN OIL PRODUCING CO.

Original Signed By: Thomas M. Hogan

Thomas M. Hogan District Superintendent

# AEI/ab

ec: Sage Drilling Company, P.O. Sex 32, Midland, Texas Fred A. Merris W. G. Callanay Nee R. Stone





### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Land Office Farmington

Lease No. U-09927

Original Signed By: Thomas M. Hogan

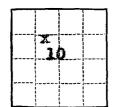
Title District Superintendent

Unit Arch Canyon

NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO CHANGE PLANS.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO TEST WATER SHUT-OFF.  NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.  SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO BADADON WELL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Carryon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Carryon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Carryon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  NOTICE OF INTENTION TO BADADON WELL.  SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.  SUBSEQUENT REPORT OF ACIDITION OR REPAIR.  SUBSEQUENT REPORT OF ACADIMENT.  SUPPLIEMTOR OF ACADIMENT.  SUBSEQUENT REPORT OF ACADIME	NOTICE OF INTENTION TO DRIVE		CURSEOUEN	T DEBODT OF WATER CO	UT OFF	1
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Subsequent report of Re-Drilling or Repair well.  NOTICE OF INTENTION TO SHOOT OR ACIDIZE.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO PULL OR ALTER CASING.  NOTICE OF INTENTION TO ABANDON WELL.  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Camyon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Camyon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Camyon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Camyon Unit  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT OF RE			1 1			
Subsequent report of Abandonment Supplementary well history  (Indicate above by Check Mark Nature of Report, Notice, or other data)  October 15  Arch Campon Unit (Indicate above by Check Mark Nature of Report, Notice, or other data)  October 15  Arch Campon Unit (Indicate above by Check Mark Nature of Report, Notice, or other data)  October 15  Arch Campon Unit (Indicate above by Check Mark Nature of Report, Notice, or other data)  October 15  Arch Campon Unit (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  October 15  Arch Campon Unit (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report, Notice, or other data)  (Indicate above by Check Mark Nature of Report of Alam Nature of Report of						1
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)  October 15  Arch Canyon Unit  (ell No. 12 is located 1980 ft. from No. 12 is located 1	r					
Cotober 15  Arch Canyon Unit  (ell No. 12 is located 1980 ft. from [N] line and 1980 ft. from [N] line of sec. 10  (b) See and Sec. No.)  (c) See and Sec. No.)  (c) See and Sec. No.)  (d) (c) (c) (c) (c) (c) (c) (c) (d) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	NOTICE OF INTENTION TO PULL OF	R ALTER CASING	SUPPLEMEN	TARY WELL HISTORY		X
Arch Canyon Unit  [ell No. 12 is located 1980 ft. from No. 1980 ft. 1980 ft	NOTICE OF INTENTION TO ABANDO	N WELL				
Arch Carryon Unit  fell No. 12 is located 1980 ft. from [N] line and 1980 ft. from [W] line of sec. 10  SE N Sec. 10 775 20E SIM  (K Sec. and Sec. No.) (Twp.) (Range) (Meridian)  11deat San Juan Utah  (Field) (County or Subdivision) (State or Territory)  the elevation of the Experiment above sea level is 1293 ft.  DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, come ing points, and all other important proposed work)  Drilled 13 3/4" hele to 421' KB. Ran 14 joints, 438' of 10 3/4" (D), 40.5 lb., H-40 casing equipped with National Texas Pattern slip weld shoe. Landed 10 3/4" casing at 419'. Commented with 175 are with 1/4 cu. ft. par sx of Stratagreets, followed with 50 are of neat coment. Used top and bottom plugs. Good returns to surface. Waited 24 hours on coment. Tested casing with 500 psi for 30 min. —held C.K.	(INDI	CATE ABOVE BY CHECK MAI	RK NATURE OF REPO	RT, NOTICE, OR OTHER DA	TA)	
cell No. #1 is located 1980 ft. from   No. #1 line and 1980 ft. from   No. #2 line of sec. 10   No. #2   No.   No.   (Range) (Meridian)   (Meridian)   (Meridian)   (Meridian)   (Meridian)   (State or Territory)   (State or Territ			October	• 15		, 195
SE IN Sec. 10  (4 Sec. and Sec. No.)  (Twp.)  (County or Subdivision)  (County or Subdivision)  (State or Territory)  (State or Territory)  (State or Territory)  (State or Territory)  (County or Subdivision)  (State or Territory)  (County or Subdivision)  (State or Territory)  (State or Territory)  (State or Territory)  (State or Territory)  (Pield)  (DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cemering points, and all other important proposed work)  Drilled 13 3/4" helle to 421" KB. Ran 14 joints, 438" of 10 3/4" CD,  40.5 lb., R-40 casing equipped with National Texas Pattern slip weld shoe.  Landed 10 3/4" casing at 419". Comented with 175 ax with 1/4 cu. ft. par ax of Stretagrets, followed with 50 ax of neat coment. Used top and bottom plugs. Good returns to surface. Waited 24 hours on coment. Tested casing with 500 psi for 30 min. —held 0.K.	Arch Cenyon Unit		(NT)		( <b>***</b> )	·
(14 Sec. and Sec. No.)  (Twp.) (Range) (Meridian)  (Field) (County or Subdivision)  (State or Territory)  The elevation of the depth above sea level is to be sea level is to DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cemering points, and all other important proposed work)  Drilled 13 3/4" hole to 421 KB. Ran 14 joints, 438" of 10 3/4" (D), 40.5 lb., 1-40 casing equipped with National Texas Pattern slip weld shoe. Landed 10 3/4" casing at 419". Comented with 175 ax with 1/4 cu. ft. par sx of Stratagrets, followed with 50 ax of neat coment. Used top and bottom plugs. Good returns to surface. Waited 24 hours on coment. Tested casing with 500 psi for 30 min. — held 0.K.	ell No. 🔼 is loc	ated 1980 ft. fro	$\mathbf{m}_{-} \left\{ \begin{array}{c} \mathbf{N} \\ \mathbf{S} \end{array} \right\}$ line an	d <b>1980</b> ft. from	$\left  \begin{array}{c} \mathbf{X} \\ \mathbf{W} \end{array} \right $ line of s	ec. 10
(Field)  (County or Subdivision)  (State or Territory)  (State or		3775	208			
(Field) (County or Subdivision) (State or Territory)  the elevation of the Economic above sea level is DETAILS OF WORK  ate names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, come ing points, and all other important proposed work)  Drilled 13 3/4" hale to 421' KB. Ram 14 joints, 438' of 10 3/4" (D), 40.5 lb., R-40 casing equipped with National Texas Pattern slip weld shoe. Landed 10 3/4" casing at 419'. Comented with 175 ax with 1/4 cu. ft. par ax of Stratagrate, followed with 50 ax of next coment. Used top and bottom plugs. Good returns to surface. Waited 24 hours on coment. Tested casing with 500 pet for 30 min. —held 0.K.	and and the second of the seco		(Range)		_	
DETAILS OF WORK  are names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, come ing points, and all other important proposed work)  Drilled 13 3/4" hole to 421' KB. Ram 14 joints, 438' of 10 3/4" OD, 40.5 lb., R-40 casing equipped with National Texas Pattern slip weld shoe. Landed 10 3/4" casing at 419'. Comented with 175 ar with 1/4 cu. ft. per sx of Stratagrete, followed with 50 ax of neat coment. Used top and bottom plugs. Good returns to surface. Waited 24 hours on cament. Tested casing with 500 psi for 30 min. —held 0.K.					<b>.</b>	
Drilled 13 3/4" hele to 421' KB. Ram 14 joints, 438' of 10 3/4" OD, 40.5 lb., H-40 casing equipped with National Texas Pattern slip weld shoe. Landed 10 3/4" casing at 419'. Gemented with 175 ax with 1/4 cu. ft. per sx of Stratagrete, followed with 50 ax of neat cement. Used top and bottom plugs. Good returns to surface. Waited 24 hours on cement. Tested casing with 500 psi for 30 min. —held 0.K.	e elevation of the	,		•	ate or Territory)	
Drilled 13 3/4" hele to 421' KB. Ram 14 joints, 438' of 10 3/4" CD, 40.5 lb., H-40 easing equipped with National Texas Pattern slip weld shoe. Landed 10 3/4" easing at 419'. Commented with 175 ax with 1/4 cu. ft. per sx of Stratagrete, followed with 50 ax of neat coment. Used top and bottom plugs. Good returns to surface. Waited 24 hours on coment. Tested easing with 500 psi for 30 min. —held 0.K.		above sea l	evel is <b>6293</b>	ft.	sate or Territory)	
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.	G.	above sea l	evel is <b>293</b>	ft.  RK ongths of proposed casing	•	g jobs, ceme
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.	Drilled 13 3/4" he 40.5 lb., H-40 cas Landed 10 3/4" cas sx of Stratagrets, plugs. Good retur	DETA  to objective sands; show a ing points, and al  le to 421 KB.  ing equipped with as to surface.	evel is 6293 AILS OF WO dizes, weights, and le lother important points and le lother le lot	ft.  RK  Ingths of proposed casing roposed work)  Ints, 438 of 1  Texas Pattern th 175 ax with lat coment. Un	is; indicate mudding to 3/4" OD, a slip weld 1/4 ou. It sed top and	shoe.
	Drilled 13 3/4" he 40.5 lb., H-40 cas Landed 10 3/4" cas sx of Stratagrets, plugs. Good retur	DETA  to objective sands; show a ing points, and al  le to 421 KB.  ing equipped with as to surface.	evel is 6293 AILS OF WO dizes, weights, and le lother important points and le lother le lot	ft.  RK  Ingths of proposed casing roposed work)  Ints, 438 of 1  Texas Pattern th 175 ax with lat coment. Un	is; indicate mudding to 3/4" OD, a slip weld 1/4 ou. It sed top and	shoe per

Denver 1, Colorado

Form 9-331a (Feb. 1951)



### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

4

Land Office Farmington

Loase No. U-09927

Unit Arch Canyon

# SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	. <b></b>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	-=
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.	Ă.
NOTICE OF INTENTION TO PULL OR ALTER CASING.		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
\ <u></u>			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

			NO	rember Z	
Arch Cany Well No.	on Unit L is locate	<b>1980</b> ft. f	$rom_{-}$ $N \atop S$ line a	nd <b>1980</b> ft. from W	line of sec. 10
C SE NW S	ec. 10 Sec. No.)	37S (Twp.)	20K (Range)	SIM (Meridian)	
Wildcat (Fiel	d)	San Ju	unty or Subdivision)	Utah (State o	r Territory)

The elevation of the derrick floor above sea level is 6304. ft. KB

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 3397' KB. Left 32 jts. of drill pipe and 18 drill collars in hole. Top of fish at 1809' KB. Unable to recover fish due to loss circulation problems. Received approval to plug and abandon well from Utah Commission and USGS.

Ran drill pipe open ended and spotted 45 sx cement from 1810' to 1660', 30 sx cement drom 1500' to 1400', 25 sx cement from 400' to 350'. Placed 5 sx cement top plug and dry hole marker.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

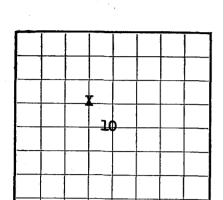
Company The British-American Oil Producing Company

Address P. O. Box 180

Original Signed By:
Thomas M. Hogan

By

Title District Superintendent



# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

State Capitol Building Salt Lake City 14, Utah

То	be	kept	Confidential	until_					
				(Not to	exceed	4 months	after	filing	date)

				LO	G OF (	OIL OR G	AS W	ELI	·	
LOC	CATE WEL	L CORRECTLY		ing Compa	ın <b>⊽</b>					
Operat	ting Com	pany The Br				s P. O. Box	180; Den	ver 1	Colorad	.0
Lease	or Tract;	Arch Canyo	on Unit		Field J	Vildcat	State	Utah_		
Well N	Го. <b>1</b>	Sec. 10	Г <b>.375</b> R	. 20E. Mer	idianSLI	4 Cor	<sub>inty</sub> San	Juan		_
Location	on <b>1980</b> .	. ft. 5 of _1	Line a	nd <b>1980</b> ft.	$\left\{ \begin{array}{c} \mathbf{E} \\ \mathbf{W} \end{array} \right\}$ of $\mathbf{W}$	Line ofNW/	4	Eleva	ation 6297	
T	he inform	ation given h	arewith is	e comple	ta and com	of record of the m	all and off	records a	lana thamas	_
so far	as can be	determined f	rom all av	ailable red Si	cords.	mostu	Ha	10	·	
Date	Dece	ember 4, 19	959		5mou *				ntendent	
					on of the wel	l at above date.				-
Comm	enced dri	lling Octobe	r 9, 19	<b>59</b> , 19	Finisl	ned drilling 0	ctober 3	0	, 19. <b>59</b>	_
					S SANDS (	· -			•	
				•	enote gas by G					
						, from				
No. 2,	from		- to		No. 5	, from	to			-
No. 3,	from		- to		No. 6	, from	to	~		-
			1	MPORTA	NT WATER	SANDS				
No. 1,	from		. to		No. 3	, from	to			_
No. 2,	from		_ to		No. 4	, from	to			_
				CAS	ING RECO	RD				
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perfora	ted	Purpose	=
0-3/4		8rd		438	Nat'l	tern	From-	То-		-
<i>0-2/4</i>	40.				Texas Fat	tern			Surface	CSE
										·-
		1 5		1	i					
		<u> </u>				NG RECORD				_
Size casing	Where s	et Numb	er sacks of ce	ment	Method used	Mud gravity	Ame	ount of m	ud used	=
0-3/4	418		175		Halliburt					<del></del>
L			<del></del>							- -
					·					-
										-

P 0022	1114001141					
		SH	OOTING R	ECORD		
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			TOOLS US		1-1	
Rotary too	ls were used from	m fee			and from	feet tofeet
						feet to feet
			DATES			
		, 19	Pu	t to prod	ucing Dry	4 10-30-59, 19
The p	roduction for th	e first 24 hours wa				% was oil;%
		nd% sediment				
						. ft. of gas
				ons gaso.	ime per 1,000 cu	. 15. 01 gas
Trock ]	pressure, nos. pe	r sq. in	EMPLOYE	re		
Sage Dr	illing Compan	<b>2y</b> , Drille				, Driller
		Drille				· · · · · · · · · · · · · · · · · · ·
		•	MATION R			, Driller
EDOM	T TO			ECORD		
FROM—	то-	TOTAL FI	iet.		FORMATIC	ON
0	20	20	Se	ınd		
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76	421	345	Se	nd Rock	<b>S</b>	
421	1091	670		nd		
1091	1317	226	1 _1	nd Rock	<b>C</b>	
1317	1570	253	Sa		_	4
1570 <b>1</b> 831	1,831	261		me & Sh		
-	1966	135			e and Shale	
1966 2350	2350	384			le and Lime	
23 <b>50</b> 239 <b>1</b>	2391	41			me and Shale	
242 <b>1</b>	2421	30			d and Shale	
2472	2472	51			le and Chert	
2630	2473	1 1			st Circulatio	on
<b>2926</b>	2780	150	Li			
~7~0	3191	165	Sn.	ale Lin	16	
Due to Lo	st Circulati	on the driller	s log is	incompl	.ete.	
For Geold	ogical tops s	ee attached Ge	ological C	ompleti	on Report.	
	·	· ·		· ·		
			Δ++	he end -	f complete D III	l. {
				ne end 0 Cal-	f complete Drille	er s Log.
			T. aud	Geolog	ic Tops. State Logs or sample	whether
	1					

W

DEC 7 1959

# GEOLOGICAL COMPLETION REPORT

# Well Classification:

British-American #1 Arch Canyon San Juan County, Utah C SE NW Section 10-37S-20E

### Well Data:

Commenced drilling:

Completed drilling:

Contractor:

Casing Record:

Elevation:

Total Depth and Datum:

10-9-59

10-30-59

Sage Drilling Company

Surface Csg: 10 3/4 at 418 w/175 sax

6297 DF

6298 KB

3397

### Completion Data

Plugged and Abandoned:

10-30-59

## Geological Data

Logging Data

Samples:

Stored at: Four Corner Sample Cut

Farmington, New Mexico

Formation Record

Name	Sample Top	Schl. Top	Schl. Datum	Fluid Content
Hermosa	1440 (+4858)	1460	(+4838)	None
Bluff	2330 (+3962)	2330	(+4968)	None

# Core Record:

None

# Drill Stem Test Record:

None

December 11, 1959

British-American Oil Producing Company P. O. Box 180 Denver, Colorado

Attention: Thomas Hogan, District Superintendent

Gentlemen:

Re: Well No. Arch Canyon Unit 1, Sec. 10, T. 37 S, R. 20 E, SLEM, San Juan County, Utahl

In checking our files we have found that we do not have any alectric logs for the above mentioned well.

It would be greatly appreciated if you would furnish us copies of all logs run as soon as possible in order that we may complete our file for said well.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT EXECUTIVE SECRETARY

CBF: cp

No Jose Run

THE BRUNGHEAM OR PRODUCING COMPANY
DENVER CLUB BUILDING

DENVER 1, COLORADO

PRODUCTION & ENGINEERING DEPT.

ADDRESS ALL CORRESPONDENCE TO POST OFFICE BOX 180

December 14, 1959

The State of Utah
Oil & Gas Conservation Commission
Salt Lake City 11, Utah

Attention: Cleon B. Feight, Executive Secretary

Gentlemen:

Re: Well No. Arch Canyon Unit 1, Sec. 10, T. 37 S, R. 20 E, SLBM, San Juan County, Utah.

No electric logs were run on Arch Canyon Unit #1.

After drilling to a depth of 3397', the drill pipe was twisted off leaving 558' of  $5\frac{1}{2}$ " drill collars and 1100' of  $4\frac{1}{2}$ " drill pipe in the hole. Attempts to recover the fish were unsuccessful. Approval and plugging instructions to abandon the hole were obtained from the USGS office at Farmington. New Mexico.

Please advise if any additional information is required.

Very truly yours,

TH BRITISH-AMERICAN OIL PRODUCING CO.

District Superintendent

AHH: pr